



CONSTRUCTION EQUIPMENT

SWO-071394 VOLVO A60H 350187 - GEARBOX



Sample No: VCP452739
Oil Type: {unknown}
Job No: SWO-071394



SAMPLE INFORMATION

Sample Number	VCP452739	VCP428920	---	---
Sample Date	29 Apr 2024	06 Sep 2023	---	---
Machine Hours	3015	2021	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 45.4	█ 49.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 28	█ 19	---	---
Sodium	ppm	█ 9	█ 3	---	---
Potassium	ppm	█ 3	█ 4	---	---



WEAR METALS

Iron	ppm	█ 73	█ 84	---	---
Copper	ppm	▲ 384	█ <1	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	█ 4	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	4223	371	---	---
Magnesium	ppm	26	4	---	---
Zinc	ppm	1519	164	---	---
Phosphorus	ppm	1396	2421	---	---
Barium	ppm	0	0	---	---
Boron	ppm	185	283	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 11009473
Signed: Don Baldrige
Report Date: 07 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



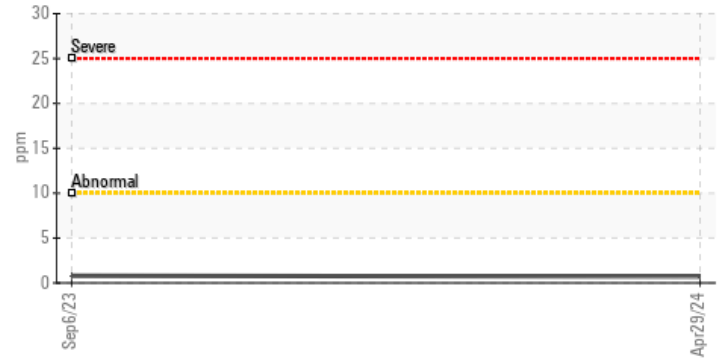
Lead (ppm)



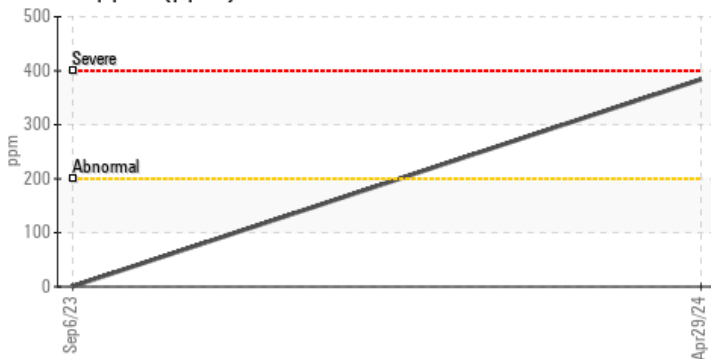
Aluminum (ppm)



Chromium (ppm)



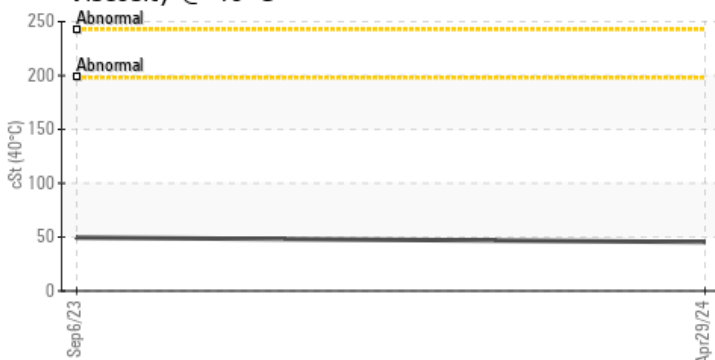
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

